

### **What is Claimed is:**

- 1: A video/audio combo device adopted for use on a portable electronic data processing device, comprising:
  - a housing shell located in the portable electronic data processing device;
  - 5 a picture-taking element located in the housing shell connecting electrically to the portable electronic data processing device; and
  - at least one sound-generating element located in the housing shell with the picture taking element connecting electrically to the portable electronic data processing device, the housing shell being functioned as a resonant space for the sound generating element.
- 10 2. The video/audio combo device of claim 1, wherein the portable electronic data processing device is selected from the group consisting of personal digital assistants, handheld computers, notebook computers and mobile phones.
3. The video/audio combo device of claim 1, wherein the housing shell has a viewfinder window and at least one audio exit port.
- 15 4. The video/audio combo device of claim 3, wherein the housing shell is fixedly located in the portable electronic data processing device.
5. The video/audio combo device of claim 3, wherein the housing shell is located in the portable electronic data processing device in a turnable manner.
- 20 6. The video/audio combo device of claim 5, wherein the housing shell is substantially a hollow cylindrical member which has an open end and a closed end, the closed end having an axle, the open end being coupled with a cap which has a cap axle, the housing shell being located in the portable electronic data processing device in a turnable manner through the axle and the cap axle.

7. The video/audio combo device of claim 6, wherein the audio exit port is located on the perimeter surface of the housing shell.
8. The video/audio combo device of claim 6, wherein the audio exit port is located on the closed end of the housing shell.
- 5 9. The video/audio combo device of claim 1, wherein the picture taking element includes a photosensitive element, a lens and a connection line.
10. The video/audio combo device of claim 9, wherein the photosensitive element is selected from the group consisting of Charge Coupled Devices (CCD ) and Complementary Metal-Oxide Semiconductors (CMOS).
- 10 11. The video/audio combo device of claim 1, wherein the sound-generating element is a Mylar speaker.
12. A video/audio combo device adopted for use on a portable electronic data processing device, comprising:
- a housing shell located in the portable electronic data processing device having a
- 15 viewfinder window and housing a picture-taking element which corresponds to the viewfinder window;
- a first cap coupled on one side of the housing shell having a first audio exit port and a first sound-generating element corresponding to the first audio exit port, the first cap serving as a first resonant space for the first sound-generating element; and
- 20 a second cap coupled on another side of the housing shell opposite to the first cap having a second audio exit port and a second sound-generating element corresponding to the second audio exit port, the second cap serving as a second resonant space for the second sound-generating element.
13. The video/audio combo device of claim 12, wherein the portable electronic data

processing device is selected from the group consisting of personal digital assistants, handheld computers, notebook computers and mobile phones.

14. The video/audio combo device of claim 12, wherein the housing shell is fixedly located in the portable electronic data processing device.

5 15. The video/audio combo device of claim 12, wherein the housing shell is located in the portable electronic data processing device in a turnable manner.

16. The video/audio combo device of claim 15, wherein the first cap and the second cap have respectively an axle pivotally coupled on the portable electronic data processing device.

10 17. The video/audio combo device of claim 12, wherein the picture taking element includes a photosensitive element, a lens and a connection line.

18. The video/audio combo device of claim 17, wherein the photosensitive element is selected from the group consisting of Charge Coupled Devices (CCD ) and Complementary Metal-Oxide Semiconductors (CMOS).

15 19. The video/audio combo device of claim 12, wherein the first sound generating element and the second sound generating element are Mylar speakers.